

図面翻訳

FIG. 1

	受信 SNR	RECEIVING SNR
5	サブキャリア	SUBCARRIER
	ユーザ	USER

FIG. 2 Fig. 3 Fig. 4

Fig. 1 と同じ

10 FIG. 5

開始 START

S101 RESEARCH USER k HAVING THE SMALLEST NUMBER OF
AVAILABLE SUBCARRIERS

S102 SELECT SUBCARRIER n FOR USER k

15 S103 ALLOCATE SUBCARRIER n TO USER k

終了 END

FIG. 6

101-1 MODULATION SECTION

101-N MODULATION SECTION

20 102 IFFT SECTION

103 GI INSERTION SECTION

104 TRANSMITTING RF SECTION

106 RECEIVING RF SECTION

107 CHANNEL QUALITY INFORMATION PICKING-UP SECTION

25 108 SUBCARRIER/MODULATION SCHEME ALLOCATION PROCESSING
SECTION

109 ALLOCATION RESULT STORAGE SECTION

ユーザ USER

202 RECEIVING RF SECTION

203 GI REMOVING SECTION

204 FFT SECTION

5 205 CHANNEL QUALITY ESTIMATION SECTION

206 EQUALIZER

207 -1 DEMODULATION SECTION

207-N DEMODULATION SECTION

208 P/S SECTION

10 209 SUBCARRIER AND MODULATION SCHEME ALLOCATION
INFORMATION PICKING-UP SECTION

210 TRANSMITTING RF SECTION

FIG. 7

開始 START

15 S1 ESTIMATE RECEIVING SNR

S2 MAKE RECEIVING SNR TABLE

S3 SET "0" FROM RECEIVING SNR TABLE THRESHOLD

S4 CALCULATE THE NUMBER OF AVAILABLE USERS

S5 WHETHER ALLOCATIONS OF USERS ARE DETERMINED FOR ALL

20 SUBCARRIERS ?

S6 RESEARCH SUBCARRIER n*

S7 SELECT USER k* OF SUBCARRIER n*

S8 ALLOCATE USER k* TO SUBCARRIER n*

S9 EXCLUDE SUBCARRIER n*

25 S10 WHETHER REQUIRED DATA TRANSMISSION RATE OF USER k* IS
SATISFIED ?

S11 EXCLUDE USER k*

S12 WHETHER REQUIRED DATA TRANSMISSION RATES OF ALL USERS ARE SATISFIED ?

S13 RESUME ALLOCATION OF RESIDUAL SUBCARRIERS

終了 END

5

FIG. 8

FIG. 1 に同じ

FIG. 9 FIG. 10

10 Fig. 1 に同じ